

AMENDMENTS TO THE CLAIMS

The following is a complete listing of revised claims with a status identifier in parenthesis.

Listing of the Claims

1-2. (Cancelled)

3. (Currently Amended) A feed device for a working machine for surface machining of a rotationally symmetric component, comprising:
- a stationarily mounted main motor having a main transmission mechanism;
- at least one tool support receiving a drive movement from the main transmission mechanism and which rotates about the component;
- at least one leadscrew for actuating the at least one tool support;
- a support mounting, on the component, for supporting at least the at least one tool support; and
- a ~~fixed~~-support motor having a further transmission mechanism for driving at least the at least one leadscrew,
- wherein a housing of the support motor is mounted rotatably and is coupled mechanically to the main motor, the support motor being capable of being driven synchronously in rotation by the main motor.

4. (Previously Presented) The feed device as claimed in claim 3, wherein the main transmission mechanism is an externally toothed gear ring driven by a pinion seated on a motor shaft of the main motor.

5. (Previously Presented) The feed device as claimed in claim 3, wherein the main transmission mechanism is an externally toothed gear ring driven by a motor shaft of the main motor via a toothed belt.

6. (Previously Presented) The feed device as claimed in claim 3, wherein the further transmission mechanism is an externally and internally toothed gear ring driven by a pinion seated on a motor shaft of the support motor.

7. (Previously Presented) The feed device as claimed in claim 3, wherein the further transmission mechanism is an externally and internally toothed gear ring driven by the motor shaft of a support motor via a toothed belt.

8. (Cancelled)

9. (Previously Presented) The feed device as claimed in claim 3, wherein the further transmission mechanism is mounted rotatably on a support of the main motor.

10. (Currently Amended) The feed device as claimed in claim 3, wherein the further transmission mechanism is mounted rotatably on a the support mounting of the tool support.

11. (Previously Presented) The feed device as claimed in claim 3, wherein the main motor is coupled mechanically to the housing of the support motor via toothed belts.

12. (Previously Presented) The feed device as claimed in claim 3, wherein the main motor is coupled mechanically to the housing of the support motor via gearwheel mechanisms.

13. (Previously Presented) The feed device as claimed in claim 3, wherein the support motor is a brake motor.

14. (Previously Presented) The feed device as claimed in claim 4, wherein the support motor is a brake motor.

15. (Previously Presented) The feed device as claimed in claim 5, wherein the support motor is a brake motor.

16. (Previously Presented) The feed device as claimed in claim 6, wherein the support motor is a brake motor.

17. (Previously Presented) The feed device as claimed in claim 7, wherein the support motor is a brake motor.

18. (Previously Presented) The feed device as claimed in claim 4, wherein the further transmission mechanism is an externally and internally toothed gear ring driven by a pinion seated on a motor shaft of the support motor.

19. (Previously Presented) The feed device as claimed in claim 5, wherein the further transmission mechanism is an externally and internally toothed gear ring driven by the motor shaft of a support motor via a toothed belt.

20. (Previously Presented) The feed device as claimed in claim 4, wherein the main motor is coupled mechanically to the housing of the support motor via gearwheel mechanisms.